

Abstract Of The Disclosure

The invention provide methods and compositions for localized delivery of a vector comprising a therapeutic agent to a specific region of the brain that is overstimulated in neurodegenerative diseases. In particular, the invention provides

5 methods and compositions used to deliver an adeno-associated virus vector (AAV) comprising a nucleotide sequence encoding glutamic acid decarboxylase (GAD) to cells in the hippocampus, subthalamic nucleus of the basal ganglia, mesaphilia and thalamus.